

2002 Transmission Proposal

WITNESS QUALIFICATION STATEMENTS

TC/TR-02-Q-BPA-01	Brian D. Altman
TC/TR-02-Q-BPA-02	John G. Anasis
TC/TR-02-Q-BPA-03	Shepard C. Buchanan
TC/TR-02-Q-BPA-04	Margaret A. Chang
TC/TR-02-Q-BPA-05	Gordon L. Comegys
TC/TR-02-Q-BPA-06	Bryan V. Crawford
TC/TR-02-Q-BPA-07	Mary Ann Dalton
TC/TR-02-Q-BPA-08	David L. Gilman
TC/TR-02-Q-BPA-09	Richard L. Haines
TC/TR-02-Q-BPA-10	John M. Haner
TC/TR-02-Q-BPA-11	Ronald J. Homenick
TC/TR-02-Q-BPA-12	Dana M. Jensen
TC/TR-02-Q-BPA-13	Johnny J. McCollister
TC/TR-02-Q-BPA-14	Warren L. McReynolds
TC/TR-02-Q-BPA-15	Dennis E. Metcalf
TC/TR-02-Q-BPA-16	Nancy Parker
TC/TR-02-Q-BPA-17	Glenn A. Russell
TC/TR-02-Q-BPA-18	James C. Sapp
TC/TR-02-Q-BPA-19	Gary E. Stemler
TC/TR-02-Q-BPA-20	Erik D. Westman
TC/TR-02-Q-BPA-21	John R. Woerner

1 QUALIFICATION STATEMENT OF

2 BRIAN D. ALTMAN

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Brian Altman. I am employed by the Bonneville Power Administration
6 (Bonneville), 5411 NE Highway 99, Vancouver, Washington.

7 *Q. In what capacity are you employed?*

8 A. I am a Public Utilities Specialist in the Transmission Marketing and Sales, Transmission
9 Contracts and Policy Group.

10 *Q. Please summarize your educational background.*

11 A. I received a Bachelor of Science Degree in Industrial Engineering from the University of
12 Alabama in 1984, extensive training in electrical systems and power operations from the U.S.
13 Navy, and a Juris Doctorate Degree from Northwestern School of Law of Lewis and Clark
14 College in 1994. I also completed several graduate level courses in accounting and economics
15 at Georgia State University and Portland State University.

16 *Q. Please summarize your professional experience.*

17 A. I was initially employed by the U.S. Navy as an engineer and nuclear submarine officer. I
18 completed two years of training on power systems and submarine operations and reported to
19 the USS POLLACK (SSN 603) in 1986. I served as the Electrical Officer and assistant to the
20 Engineer for the nuclear reactor plant and its associated mechanical and hydraulic systems. In
21 1989 I left the Navy and joined Asea Brown Boveri as a systems engineer performing
22 consulting work on commercial nuclear power units. Project work included electrical and

1 instrumentation design work, failure mode effect analysis, and environmental qualification
2 analysis. I subsequently moved to Portland and joined Bonneville in 1992 and worked in the
3 Transmission Contracts Branch. My primary responsibilities included negotiating and drafting
4 transmission contracts, assisting in the planning of future power system facilities relative to
5 customer plans of service, and supporting customer service policy development. In addition, I
6 worked as a legal intern at a large Portland law firm and at the Oregon Department of
7 Environmental Quality performing work relating to hazardous waste compliance. Following this,
8 I worked in the Power Business Line developing unbundled and ancillary power products
9 including control area related products, resource support products, and the development of the
10 proposed Reactive Charge, as well as administering and working on issues regarding the
11 General Transfer Agreements. I have also worked temporarily in the Office of General Counsel
12 working on issues involving DSI Power and Transmission contracts and Freedom of
13 Information Act issues. In 1997 I returned to the Transmission Contracts Group and my work
14 has focused on negotiating and drafting transmission contracts, development and implementation
15 of the Open Access Transmission Tariff, and implementation of the Reactive Power Charge. I
16 am a member of the Oregon State Bar.

17 *Q. Please state your experience as a witness in previous proceedings.*

18 *A.* I was previously a witness in Bonneville's 1996 Wholesale Power and Transmission Rate Case
19 for the Reactive Power Charge.
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1 QUALIFICATION STATEMENT OF

2 JOHN G. ANASIS

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is John G. Anasis. I am employed by the Bonneville Power
6 Administration, (Bonneville) 5411 NE Highway 99, P.O. Box 491, Vancouver,
7 Washington 98666.

8 *Q. In what capacity are you employed?*

9 A. I am an electrical engineer in the Transmission Business Line (TBL),
10 Transmission Supply Group.

11 *Q. Please summarize your educational background.*

12 A. I received a Bachelor of Science Degree in Electrical Engineering from the
13 University of Portland in 1985 and a Master's Degree in Public Administration
14 from Portland State University in 1989. I also completed two graduate level
15 courses in electrical power systems at the University of Portland in 1985, as well
16 as a number of industry-sponsored seminars and short courses in power system
17 dynamics, supervision, and utility policy issues.

18 *Q. Please summarize your professional experience.*

19 I was initially employed by Bonneville in 1985 as an electrical engineer in the
20 Division of Electrical and Electronics Engineering. My primary responsibility was
21 the design and analysis of Remedial Action Schemes (RAS) used to maintain
22 power system stability. In 1987, I moved to the Operations Engineering Section
23 (OES) in Bonneville's Division of System Operations.

1 In OES I ran and analyzed powerflow, transient stability, and voltage
2 stability studies to investigate power system operating conditions and to set
3 operating limits. I wrote and maintained operating instructions for use by
4 Bonneville's Dispatching Branch. I reviewed and assisted in the development of
5 wheeling and power sales contracts which impacted power system operations,
6 participated in the planning of future power system facilities, and I provided
7 technical support for the development of on-line power system security tools. I
8 also served as an industry advisor to the Electric Power Research Institute. In
9 January, 1992, I was appointed head of the Operations Engineering Section. In
10 addition to performing my supervisory and technical duties for System Operations,
11 I provided ongoing technical support to Bonneville's marketing efforts in the areas
12 of transmission access, availability of transmission capacity, voltage/reactive
13 control, load following, operating reserves, RAS, and contract review. I served on
14 several special internal teams that assessed the impacts of the Energy Policy Act,
15 reviewed reactive/voltage control issues, and developed Bonneville's 1992
16 Marketing Plan.

17 I joined the Transmission Product Development Group of the
18 Transmission Business Line in July, 1994. My duties included developing
19 assessments and strategies for dealing with market restructuring, transmission
20 access and comparability policy development, ancillary services issues, and
21 development and implementation of Bonneville's Reactive Power Charge.

22 I transferred to my current position in the Transmission Supply Group in
23 November, 1997. I serve as Bonneville's Available Transmission Capability (ATC)

1 Inventory Manager. My primary duties include developing procedures and policies
2 for the calculation and posting of ATC on the FCRTS, assisting in the development
3 of curtailment and redispatch procedures, participation in outage coordination,
4 dynamic scheduling, and reviewing proposed regional ATC standards.

5 Finally, I am a licensed Professional Engineer in the State of Oregon and a
6 Senior Member of the Institute of Electrical and Electronics Engineers.

7 *Q. Please state your experience as a witness in previous proceedings.*

8 A. I was a witness in Bonneville's 1996 Rate Case as a member of the panel that
9 sponsored the Reactive Power Charge.

1 QUALIFICATION STATEMENT OF

2 SHEPARD C. BUCHANAN

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Shepard C. Buchanan. . I am employed by the Bonneville Power Administration,
6 (Bonneville) 5411 NE Highway 99, P.O. Box 491, Vancouver, Washington 98666.

7 *Q. In what capacity are you employed?*

8 A. I am an economist in Transmission Business Line (TBL).

9 *Q. Please state your educational background.*

10 A. I graduated from the University of New Hampshire in 1976 with a B.S. in Resource Economics
11 and from Oregon State University in 1979 with an M.S. in Agricultural and Resource
12 Economics.

13 *Q. Please summarize your professional experience.*

14 A. I have been employed at Bonneville for 18 years as an economist and as a manager. My
15 primary responsibilities have included energy resource planning, management of Bonneville's
16 power business Product Development Group, and serving as the Account Services Manager for
17 the Western Area Customer Service Center in PBL. I have contributed to each of Bonneville's
18 Resource Program efforts, contributed to Bonneville's cost-effectiveness methodology,
19 managed the group responsible for developing and defining power products, and managed an
20 interdisciplinary staff of economists, contract managers, policy analysts, and project managers.
21 I am now employed in TBL as an economist working on the rate case. In addition, I have been
22 a consultant performing work in the areas of environmental costs and benefits, power purchase

1 agreements, and resource management. Finally, I developed a three day training class in utility
2 system economics which I have taught in more than a dozen states.

3 Q. *Please state your experience as a witness in previous proceedings.*

4 A. I have not been a witness in previous Bonneville rate cases.

1 QUALIFICATION STATEMENT OF

2 MARGARET A. CHANG

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer and business address.*

5 A. My name is Margaret A. Chang. I am employed by the Bonneville Power Administration
6 (Bonneville), 905 NE. 11th, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a financial analyst in the Financial Analysis and Requirements section of the Policy
9 Management and Finance group in the Corporate Services.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Arts degree in Spanish from Grinnell College in 1984 and a Master of
12 Business Administration from the Monterey Institute of International Studies in 1988.

13 *Q. Please summarize your professional experience.*

14 A. Since March 1994, I have been employed in the Financial Analysis and Requirements section. I
15 have been responsible for conducting research and analysis on a variety of financial data related
16 to revenue requirements and debt repayment. Prior to my employment with Bonneville, I was
17 employed as a management consultant by Deloitte & Touche from 1989 to 1994. From 1990
18 to 1994, I was assigned to the Financial Services support contract at Bonneville. My
19 responsibilities included the financial analysis of electric utilities, review of utilities' average
20 system cost filings, and preparation and analysis of wage and salary surveys of electric utilities.

21 *Q. Please state your experience as a witness in previous proceedings.*

1 A. I was a witness in the 1996 Wholesale Power Rate Proceeding. I sponsored testimony on the
2 7(c)2 Industrial Margin, as well as a supporting study that was included in the Wholesale Power
3 Rates Development Study.
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1 QUALIFICATION STATEMENT OF

2 GORDON L. COMEGYS

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Gordon L. Comegys. I am employed by the Bonneville Power Administration
6 (Bonneville), 5411 NE. Highway 99, Vancouver, Washington.

7 *Q. In what capacity are you employed?*

8 A. I am an electrical engineer in Transmission Operations and Planning, Customer Service
9 Planning and Engineering section working primarily to provide technical support to
10 Transmission Account Executives and serving as a transmission technical contact for new
11 generation resources.

12 *Q. Please state your educational background.*

13 A. I graduated from Portland State University in 1976 with a B.S. in Electrical Engineering and
14 Applied Science. I am a registered Professional Engineer in Oregon and a Senior Member
15 of the Institute of Electrical and Electronic Engineers.

16 *Q. Please summarize your professional experience.*

17 A. I have worked for Bonneville as an electrical engineer since June 1976. From 1976 to 1977,
18 I was in the engineering pool and participated in several training details in various areas of
19 Engineering.

20 From 1977 to 1979, I was assigned to the High Voltage Practices Branch of System
21 Engineering. I investigated transformer loading capability, insulation coordination, and
22 participated in system tests.

1 In 1980, I was assigned to Covington Substation in System Protection Maintenance to
2 investigate system protection performance during system disturbances and work on relay and
3 meter maintenance.

4 From 1981 to 1994, I worked in Transmission System Planning conducting and
5 supervising technical studies for system expansion to accommodate changes to forecasted
6 load, generation, and area interchange levels. This included determining alternatives for
7 adding transmission lines, transformers, shunt capacitor, and reactors.

8 From 1994 to 1998, I worked in System Operations calculating transmission transfer
9 capability, determining operational alternatives to mitigate transmission constraints, and
10 providing dispatcher training and support.

11 From 1998 to the present, I have worked in Transmission Operations and Planning,
12 Customer Service Planning and Engineering.

13 *Q. Please state your experience as a witness in previous proceedings.*

14 *A. I testified as a Bonneville expert technical witness in an arbitration proceeding between*
15 *Puget Sound Energy and Bonneville in 1999.*

1 QUALIFICATION STATEMENT OF

2 BRYAN V. CRAWFORD

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Bryan V. Crawford. I am employed by the Bonneville Power Administration
6 (Bonneville), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are your employed?*

8 A. I am a financial analyst in the Financial Analysis and Requirements section of the Policy
9 Management and Finance group in the Corporate Services.

10 *Q. Please state your educational background.*

11 A. I received a B.A. degree in Art History from Brigham Young University, Provo Utah in
12 1986, an M.A. in Art History from the University of Oregon in 1988, and a Masters in
13 Management from the Atkinson Graduate School of Management at Willamette University
14 in 1990.

15 *Q. Please summarize your professional experience.*

16 A. From 1989 to 1995 I was a budget analyst at Bonneville. I was responsible for evaluation
17 and analysis of the impact of Federal budget policy and guidance on Bonneville budget
18 preparations. I also was responsible for the development and implementation of the agency-
19 wide internal budget formulation process, as well as preparation and defense of Bonneville's
20 external budget documents before the Administration and Congress in Washington, D.C.
21 In late 1995 I served a 6 month detail in the Power Product Development group. In that
22 capacity I was responsible for development of power products for the Direct Service

1 industries and load shaping and following products for large industrial customers of
2 Bonneville's utility customers.

3 From 1996 until the present, I have served in my current position with the Financial
4 Analysis and Requirements section. I am the Project Lead for the Capital Investment
5 Review Team at Bonneville. Through this assignment, I have made presentations both at
6 Bonneville and at national conferences. Prior to this project, I have led other efforts focused
7 on financial and policy analysis and development, including corporate cash management,
8 divestiture, potential corporate restructuring, etc.

9 *Q. Please state your experience as a witness in previous proceedings.*

10 *A.* I have not been a witness in previous proceedings. However, I supported development of
11 testimony for the full range of load shaping products for the 1996 rate case.

1 QUALIFICATION STATEMENT OF

2 MARY ANN DALTON

3 Witness for the Bonneville Power Administration Transmission Business Line

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Mary Ann Dalton. I am employed by the Bonneville Power Administration
6 (Bonneville) Transmission Business Line (TBL), Highway 99, Vancouver, WA, 98663.

7 *Q. In what capacity are you employed?*

8 A. I am a Contract Specialist in the Transmission Marketing and Sales, Transmission Contracts
9 Group.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science degree in Secondary Education from University of Nebraska
12 at Omaha, Nebraska in 1978 and an Associate Degree in Paralegal from Portland Community
13 College in 1989. I also have completed courses in accounting at Clackamas Community
14 College.

15 *Q. Please summarize your professional experience.*

16 A. I began my career at Bonneville in August, 1986, as a Legal Technician for the Office of
17 General Counsel. From that time until May, 1989, I worked primarily on litigation related to the
18 DC Intertie lawsuit as well as issues related to tort claims and refinancing of Supply System
19 bonds. In 1989, I took a position as a Contract Specialist in Materials and Procurement. In
20 that position I was responsible for negotiating and drafting a variety of contracts ensuring that
21 the contracts met the business needs identified in Bonneville's procurement manuals. In January
22 1991, I accepted a position in the Office of Financial Management, Program and Contracts

1 Review Section. My primary responsibility was to ensure that Bonneville's financial policies and
2 practices were incorporated into contracts relating to Bonneville's conservation programs, as
3 well as to ensure that the accounting requirements could be administered under the current
4 accounting systems. In January, 1994, the Office of Financial Management (OFM) was
5 reorganized. I was then working in the Client Financial Support section of Bonneville's
6 Financial Services Group, Client Financial Services, and my duties remained basically the same,
7 except that I was primarily responsible for contracts related to Bonneville's Transmission
8 Business Line. In March of 1997 I took a position as a Contract Specialist in Transmission
9 Marketing and Sales, Transmission Contracts. My primary responsibility is to ensure that TBL
10 produces clear and concise contracts and can be administered in accordance with the current
11 TBL Open Access Transmission Tariff approved by FERC.

12 *Q. Please state your experience as a witness in previous proceedings.*

13 *A. In the 1996 Bonneville Rate Case, I testified on behalf of Bonneville on the Advanced Funding*
14 *Rate Schedule.*



1 QUALIFICATION STATEMENT OF

2 DAVID L. GILMAN

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is David L. Gilman. I am employed by the Bonneville Power Administration
6 (Bonneville), 5411 NE. Highway 99, Vancouver, Washington.

7 *Q. In what capacity are you employed?*

8 A. I am an electrical engineer in the Business Strategy and Assessment section of the
9 Transmission Marketing and Sales group in Bonneville's Transmission Business Line (TBL)
10 working primarily on transmission rate and transmission planning issues.

11 *Q. Please state your educational background.*

12 A. I graduated from Oregon State University in 1969 with a B.S. in Electrical Engineering.
13 I am a registered Professional Engineer in Oregon.

14 *Q. Please summarize your professional experience.*

15 A. I have worked for Bonneville on a full-time basis since June 1969. From 1969 to 1970, I
16 was in the engineering pool and participated in several training details in various areas of
17 Engineering. This included the Branch of Laboratories, System Engineering, Transmission
18 Design, and Substation Design.

19 From 1970 to 1973, I was assigned to the System Planning Section of System
20 Engineering where I worked on various studies to determine adequacy of the Bonneville
21 transmission system.

22 From 1974 to September 1994, I worked as an Electrical Engineer on the Advanced
23 Planning Staff, Division of System Planning, Office of Engineering. At the end of this

1 period my position was as a Senior Transmission Planning Engineer with the responsibility
2 to provide expert guidance to Bonneville staff for transmission planning and related
3 economic analysis. My duties in this job fell into the two broad areas of: (1) conducting and
4 participating in studies to determine long-range transmission requirement for Bonneville and
5 the interconnected system, including feasibility studies for interties and resource integration;
6 and (2) participating in studies and providing data to develop Bonneville's transmission rates,
7 contracts, and policy. Specific assignments have included segmentation development,
8 wheeling loss assessment, and participation in the negotiation of wheeling contracts with
9 technical issues.

10 In 1985, I was detailed to the Transmission and Service Programming to work on
11 wheeling contracts with complex technical issues.

12 In September 1994, I was assigned to Strategic Planning and in 1996 reassigned to
13 the Business Strategy and Assessment section, with the same function. My primary
14 assignments were in the areas of transmission rates and contracts.

15 *Q. Please state your experience as a witness in previous proceedings.*

16 *A.* I testified as Bonneville's witness on the segmentation of the Northern Intertie in the 1983
17 filing. I participated on the panel providing testimony for the Third AC Intertie Non-Federal
18 Participation in 1992. I provided testimony and studies for transmission segmentation in the
19 1996 transmission rate case. I was a witness for COE/USBR transmission segmentation in
20 the 2002 Bonneville power rate case.

1 QUALIFICATION STATEMENT OF

2 RICHARD L. HAINES

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Richard L. Haines. I am employed by the Bonneville Power
6 Administration, (Bonneville) 5411 NE Highway 99, P.O. Box 491, Vancouver,
7 Washington 98666.

8 *Q. In what capacity are you employed?*

9 A. I am employed as a Technical Expert in Transmission Marketing within Bonneville's
10 Transmission Business Line.

11 *Q. Please state your educational background.*

12 A. I graduated from the Portland State University in 1963 with a Bachelor of Arts degree
13 in Mathematics.

14 *Q. Please summarize your professional experience.*

15 A. I have over 30 years of experience working in power supply, power scheduling, and
16 power marketing activities. From July 1963 to December 1967 I was employed by
17 Pacific Power and Light Company as an assistant resource engineer. My
18 responsibilities included resource operation and computer applications.

19 From December 1967 to August 1996, I was employed by Bonneville in
20 positions of increasing responsibility in Power Supply. From December 1967 to
21 December 1970 I was employed as a mathematician in the Scheduling Unit. During
22 this period I developed skills in operating the resources included in the Federal
23 Columbia River Power System (FCRPS) and assisted in the development of a FRCPS

1 computer model. From December 1970 to May 1975 I served as Senior Scheduler in
2 the Scheduling Unit. In this position I was responsible for the hour-by-hour operating
3 plan of the Federal projects and the hourly interchange of energy with other
4 Northwest interconnected utilities. From May 1975 to February 1977 I was Assistant
5 Unit Head supervising the power scheduling function. From February 1977 to
6 February 1982 I was the supervisor of the Power Scheduling Unit in the Power
7 Scheduling Branch. In this position I was responsible for directing power scheduling
8 activities, including hourly power production and short-term reservoir operation
9 planning. I was also responsible for supervising the establishment of hourly
10 interchange of energy with other northwest interconnected utilities. From February
11 1982 to August 1994 I was the Branch Chief of Power Scheduling. In this position I
12 was responsible for managing the activities of the Power Scheduling Branch, which
13 includes the Generation Scheduling Section, the Scheduling Planning Section, the
14 Interchange Scheduling Section, and the Joint Intertie Scheduling office.

15 From August 1994 to August 1996 I was the technical expert in Power
16 Supply. In this position acted as a consultant to Power Supply, and throughout
17 Bonneville regarding power marketing, transmission, hydro system operation, and
18 product pricing issues. From August 1996 to the present I have worked as a technical
19 specialist in Bonneville's Transmission Business Line under the Vice-President for
20 Transmission Marketing on special assignment to the Transmission Marketing &
21 Scheduling group.

22 *Q. Please state your experience as a witness in previous proceedings.*

23 *A. I was a witness in Bonneville's 1987 rate case, and the PPL-90 Capacity rate case. I*

1 have also testified on behalf of Bonneville before the California Energy Commission
2 (CEC) on the CEC's 1992 Electricity Report (ER-92), and I testified in Bonneville's
3 1996 rate case.
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1 QUALIFICATION STATEMENT OF

2 JOHN M. HANER

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is John M. Haner. I am employed by the Bonneville Power Administration
6 (Bonneville) Transmission Business Line (TBL), 5411 NE Highway 99, Vancouver,
7 Washington 98663.

8 *Q. In what capacity are you employed?*

9 A. I am currently employed as an Electrical Engineer for the Transmission Business Line
10 assigned primarily to System Planning. I have held this position since 1995. My primary
11 responsibilities are Research and Development (R&D) Manager, system planning, greening,
12 and leading the interconnection standards team to develop the Generation Interconnection
13 Standards, and the Line and Load Interconnection Standards.

14 *Q. Please state your educational background.*

15 A. I have two engineering degrees. A Bachelor of Science in Electrical Engineering from the
16 University of Portland received in 1974 (Maxima Cum Laude), and a Master of Science in
17 Electrical Engineering from Stanford University received in 1975.

18 *Q. Please summarize your professional experience.*

19 A. Employed at Bonneville since September 1978 in the areas of design, remedial action, and
20 system planning. I am presently the TBL R&D Manager. A few of the major projects that I
21 have worked on include complete upgrade of the TBL remedial action scheme, the TBL
22 Business Plan, and EnergyWeb@2010.
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1 Q. *Please state your experience as a witness in previous proceedings.*

2 A. I have not been a witness in previous Bonneville rate cases.

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1 QUALIFICATION STATEMENT OF

2 RONALD J. HOMENICK

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Ronald J. Homenick. I am employed by the Bonneville Power Administration
6 (Bonneville), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a financial analyst in the Financial Analysis and Requirements section of the Policy
9 Management and Finance group in the Corporate Services.

10 *Q. Please state your educational background.*

11 A. I received a B.A. degree in English from Kent State University in 1973.

12 *Q. Please summarize your professional experience.*

13 A. From 1982 to 1985, I was employed as a Computer Programmer/Analyst for Electronic Data
14 Systems under contract with Bonneville. In that capacity, I worked with the group that is
15 now part of Financial Analysis & Requirements, designing and implementing numerous
16 Bonneville revenue requirement/cost of service computer applications and performing
17 various financial analyses related to Bonneville's 1983 and 1985 rate cases.

18 In 1984, I researched historical costs and performed various financial analyses that
19 formed the financial basis of Bonneville's compliance report to the Federal Energy
20 Regulatory Commission on separate accounting.

21 In 1985, I became a Bonneville employee and worked for the group that is now the
22 Financial Analysis & Requirements section. I have been employed as a financial analyst
23 since 1986. In this capacity, I have been responsible for various financial analyses related to

1 revenue requirement development, such as preparation of the projected Federal Columbia
2 River Power System investment base, depreciation forecasts, functionalization, and
3 segmentation of the transmission revenue requirements.

4 I have been the primary analyst in Financial Services responsible for the annual
5 preparation of the separate accounting analysis.

6 *Q. Please state your experience as a witness in previous proceedings.*

7 A. I have appeared as a witness on Revenue Requirement issues in Bonneville's 1991, 1993,
8 1995, and 1996 general rate proceedings, Bonneville's 3rd AC Intertie Non-Federal
9 Participation rate case, and in Bonneville's 2002 wholesale power rate proceeding.

1 QUALIFICATION STATEMENT OF

2 DANA M. JENSEN

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Dana M. Jensen. I am employed by the Bonneville Power Administration
6 (Bonneville), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a financial analyst in the Financial Analysis and Requirements group in the Policy
9 Management & Finance section, in Bonneville's Corporate Services.

10 *Q. Please state your educational background.*

11 A. I received an Associates degree in Humanities and General Studies from Lane Community
12 College, Eugene, Oregon in 1987; a B.S. degree in Finance and Management from the
13 University of Oregon in 1989; and a MBA from Portland State University in 1995. My field
14 of concentration was public finance.

15 *Q. Please summarize your professional experience.*

16 A. I am currently employed as a financial analyst at Bonneville. I provide economic and
17 financial analytical support for rate case and regulatory proceedings. I serve as a senior
18 technical analyst in developing cost, revenue, and financial forecasts and related analyses
19 with the financial and operating condition of Bonneville, its business lines, customers, and
20 competitors. I participate in the preparation and implementation of Bonneville's financial
21 business strategy; measure financial performance against strategic goals; analyze industry
22 and marketplace developments including potential State and Federal legislation that may

1 affect Bonneville's future financial integrity; and develop and maintain financial data,
2 forecast systems, and analytical tools.

3 Prior to my current position, I worked on the development of a credit review process
4 to assess creditworthiness and determine credit limits for new customers (wholesale). I
5 developed the procedures and a procedure manual, programmed rating criteria into the
6 model, and developed a model to pull records from a data base program into Excel for
7 manipulation and calculation and then to compile a user report. I performed credit analysis
8 and review for our Environmental department on potential hazardous waste contractors. I
9 conducted ad hoc analyse for customer account executives consisting of such items as
10 financial profiles, ratio analysis, net present value project analysis, revenue and profit
11 forecasts, cost-effectiveness, buy vs. lease, etc. I developed current and pro forma business
12 line financial statements and developed and used financial models (using Excel) to identify
13 and assess the financial effects of alternative capital spending and expense levels and
14 financing alternatives. I served as an in-house management consultant, performing studies
15 on efficiency, cost analysis, and feasibility. I also assisted staff end-users in computer
16 troubleshooting and loading software.

17 Prior to working for Bonneville, I worked for two years as a residential mortgage
18 loan processor and substitute loan officer at a savings bank. I conducted extensive credit
19 and financial analysis of the borrowers and builders, reviewing private and corporate
20 (mainly sub S) financial statements and other records. I compiled summary reports based on
21 my analyses for the underwriters and loan committee.

22 From September, 1994 to October, 1996, I was a Reserve Police Officer for the City
23 of Hillsboro.

1 *Q. Please state you experience as a witness in previous proceedings.*

2 A. I was on the Revenue Requirements Panel in the 2002 Generation Rate Case.

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1 QUALIFICATION STATEMENT OF

2 JOHNNY J. MCCOLLISTER

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Johnny J. McCollister. I am employed by the Bonneville Power Administration
6 (Bonneville), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a financial analyst working in the finance group of the Transmission Marketing & Sales
9 Section of Bonneville's Transmission Business Line (TBL).

10 *Q. Please state your educational background.*

11 A. I graduated from Portland State University in 1979 University with a B.S. in Business
12 Administration with an emphasis in accounting.

13 I am also a Certified Public Accountant in Oregon

14 *Q. Please summarize your professional experience.*

15 A. After graduating from Portland State, I accepted a position as a staff accountant with a
16 large local public accounting firm. I left public accounting in 1981 to work for Riedel
17 International, Inc., a company whose activities included construction, barging, tug services,
18 sand & gravel, concrete, landfills and gas pipeline construction. I left the private sector in
19 1983 for Federal service. I worked a short time for the IRS before accepting a position
20 with Bonneville in 1984.

21 I have served Bonneville as a contract auditor, accountant, and financial analyst. I
22 have worked as manager for the Financial Review and Approval Section and Payroll and

1 Disbursement Operations both in the Corporate Financial Group. Presently, I am a
2 financial analyst in the Transmission Business Line.

3 *Q. Please state your experience as a witness in previous proceedings.*

4 *A.* I have not been a witness in previous Bonneville rate cases.

1 QUALIFICATION STATEMENT OF

2 WARREN L. McREYNOLDS

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Warren L. McReynolds. I am employed by the Bonneville Power
6 Administration (Bonneville), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I work in Transmission Operations and Planning in the Technical Operations Staff. I am a
9 Senior Electrical Engineer in Bonneville's Technical Career Program in the Control Systems
10 specialty field. My major field of responsibility includes all aspects of Control Area
11 operations including Automatic Generation Control (AGC), NERC, WSCC, NWPP and
12 Bonneville Operating Reliability Criteria and Standards development, especially the area of
13 Operating Reserves and the NWPP Reserve Sharing Subcommittee (chair) and WSCC
14 Performance Work Group and NERC Control Criteria Task Force. I have overall
15 responsibility for the Bonneville Power System Emergency Response Plan including
16 disaster response coordination, conducting emergency exercises, and efforts to harden the
17 control center against disaster threats. I have a portion of responsibility for control center
18 long range planning.

19 *Q. Please state your educational background.*

20 A. I graduated with a Bachelor of Science Degree in Electrical Engineering from Oregon State
21 University in 1968. I attended graduate school at the University of Colorado, Denver
22 between 1970 – 1972, and the University of Portland between 1975 – 1980. I graduated

1 with a Master of Science Degree in Electrical Engineering from the University of Portland
2 in 1980.

3 *Q. Please summarize your professional experience.*

4 A. I worked for Bonneville while a student at OSU. The first few years were devoted to
5 learning the transmission system with field work in Test and Energization, Power Manager's
6 area office in Walla Walla, Substation Design, and the Chief Engineer's Office scheduling
7 construction projects. Since 1973, I have worked in System Operations on AGC, expanding
8 my responsibilities through 1981. I became the manager of the Technical Staff for about 5
9 years before returning to Technical Career Program.

10 *Q. Please state your experience as a witness in previous proceedings.*

11 A. I have no prior experience as a witness in a Bonneville proceeding.
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1 QUALIFICATION STATEMENT OF

2 DENNIS E. METCALF

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Dennis E. Metcalf. I am employed by the Bonneville Power Administration
6 (Bonneville), 5411 NE. Highway 99, Vancouver, Washington, 98663.

7 *Q. In what capacity are you employed?*

8 A. I am the Transmission Rates Manager in the Business Strategy and Assessment portion of the
9 Transmission Business Line (TBL). I have lead responsibility for the development and
10 implementation of Bonneville's Transmission Rates and Tariffs.

11 *Q. Please state your educational background.*

12 A. I received a B.S. degree in Economics from Portland State University in 1973.

13 *Q. Please summarize your professional experience.*

14 A. I was initially employed at Bonneville in 1977 in the Division of Rates as an Industry
15 Economist. For over 13 years I worked in the Division of Rates and the Division of
16 Contracts and Rates. During this period, I worked on all aspects of Bonneville ratemaking,
17 including retail rate review, transmission rates, cost allocation, nonfirm energy rates, power
18 rate design, and rate case planning. I held several positions including Chief of the Rate
19 Design Section, Chief of the Wholesale Rates Branch, and Deputy Director of the Divisions
20 of Rates and of the Division of Contracts and Rates.

21 From 1991 to 1994 I was the Lower Columbia Area Power Manager. In that
22 position I managed Bonneville's Power Sales business with its customers in Western

1 Oregon and Southwest Washington. My management functions included primarily load
2 forecasting and contract negotiation and administration.

3 In 1994, I briefly served as a Direct Service Industry Account Executive.

4 From 1995 to 1996 I worked in Pricing, Marginal Cost and Ratemaking in a position
5 similar to my current position. During that time I managed the development of Bonneville's
6 1995 and 1996 Transmission Rates and Transmission Terms and Conditions cases. In my
7 current position, I was Bonneville's lead representative on the NRTA and IndeGo pricing
8 teams during 1996-1998.

9 *Q. Please state your experience as a witness in previous proceedings.*

10 *A.* I filed written testimony and appeared as a witness in Bonneville's 1981, 1982, 1983, 1985,
11 and 1987, 1995, 1996 rate cases, as well as the 2002 Power Rate case. In 1984, I testified
12 before the Federal Energy Regulatory Commission on Bonneville's 1981 nonfirm energy
13 rates. In 1986, I testified in Bonneville's Variable Industrial Rate Case.

1 QUALIFICATION STATEMENT OF

2 NANCY PARKER

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Nancy Parker. I am employed by the Bonneville Power Administration,
6 (Bonneville) 5411 NE Highway 99, P.O. Box 491, Vancouver, Washington 98666.

7 *Q In what capacity are you employed?*

8 A. I am a Public Utilities Specialist in Transmission Marketing in the Transmission Business Line
9 (TBL).

10 *Q Please state your educational background.*

11 A. I received a Bachelor of Science degree from the University of Michigan in 1975. I have
12 completed a portion of the Master's degree program in Business Administration at Portland
13 State University.

14 *Q Please summarize your professional experience at Bonneville.*

15 A. Since September 1979 I have been a Public Utilities Specialist in the rates group. For
16 Bonneville's 1981 rate filing, I prepared studies in support of Bonneville's wholesale power
17 rates, particularly the Nonfirm Energy rate.

18 For Bonneville's 1982 and 1983 rate filings I was responsible for preparing Bonneville's
19 Wholesale Power Rate Design Study. I also prepared studies in support of Bonneville's Surplus
20 Firm Power and Nonfirm Energy rates. I prepared major portions of testimony on rate design
21 issues for each of these rate filings as well as for the Federal Energy Regulatory Commission's
22 Section 7(k) hearings on Bonneville's NF-1 and NF-2 Nonfirm Energy rates.

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Witness: Nancy Parker

1 In 1988 I prepared testimony for Bonneville's rate hearing on the Southern California
2 Edison Contract (SC-86) rate.

3 I was responsible for the implementation of the Section 7(b)(2) methodology in
4 Bonneville's 1987 rate case and supervised the development of wholesale power rate
5 projections.

6 From 1990 through the beginning of 1991, I was responsible for the process to
7 continue the Variable Industrial (VI) rate after the first 5 years of implementation, and to extend
8 the rate for an additional 3 years.

9 During 8 months of 1991, I was temporarily assigned to the Power Management staff of
10 the Lower Columbia Area Office.

11 In 1992 I returned to Bonneville headquarters and joined the transmission rates staff. I
12 have worked on transmission rate and terms and conditions issues since that time.

13 *Q. Please state your experience as a witness in previous proceedings.*

14 *A.* I appeared as a witness in the following Bonneville rate cases: the 1985 and 1987 general rate
15 cases on power rate issues; the Modified SC-86 rate case; the 1990 VI rate case; and the
16 1993 and 1996 rate cases on transmission rate issues.

1 QUALIFICATION STATEMENT OF

2 GLENN A. RUSSELL

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Glenn A. Russell. I am employed by the Bonneville Power Administration
6 (Bonneville), 5411 NE. Highway 99, Vancouver, Washington.

7 *Q. In what capacity are you employed?*

8 A. I am an electrical engineer in the Transmission Marketing and Sales, Business Strategy and
9 Assessment section working primarily on transmission rate and transmission planning
10 issues, with particular emphasis on reactive power issues.

11 *Q. Please state your educational background.*

12 A. I graduated from Gonzaga University in 1991 with a B.S. in Electrical Engineering.

13 *Q. Please summarize your professional experience.*

14 A. I have worked for Bonneville on a full-time basis since March 1992. From that time until
15 September 1994, I worked as an Electrical Engineer on the Advanced Planning Staff,
16 Division of System Planning, Office of Engineering. During this time I also participated in
17 training details in System Maintenance and System Operations.
18 My primary responsibilities in Advanced Planning were to provide transmission planning
19 and related economic analysis. This included participating in studies to determine long-range
20 transmission requirements for Bonneville and the interconnected system, including feasibility
21 studies for interties, as well as participating in studies and providing data to develop
22 Bonneville's transmission rates, contracts, and policy. Specific assignments have included
23 segmentation and wheeling loss assessment.

1 In September 1994, I was assigned to Strategic Planning and in 1996 reassigned to
2 Business Strategy and Assessment. My primary assignments have been in the areas of
3 transmission rates, reactive power issues, and engineering economic analyses.

4 *Q. Please state your experience as a witness in previous proceedings.*

5 A. I have not testified as a witness in previous proceedings.

1 QUALIFICATION STATEMENT OF

2 JAMES C. SAPP

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is James C. Sapp. I am employed by the Bonneville Power Administration
6 (Bonneville), 905 NE. 11th Avenue, Portland, Oregon.

7 *Q. In what capacity are you employed?*

8 A. I am a Risk Analyst in Financial Analysis and Requirements in Policy Management &
9 Finance, Corporate Services.

10 *Q. Please state your educational background.*

11 A. I received a B.A. degree in Mathematics from Cleveland State University in 1971, a
12 Master of Arts in Communication from the Annenberg School of Communications at the
13 University of Pennsylvania in 1976, and a Doctor of Philosophy degree in Systems
14 Science from Portland State University in 1987. My areas of concentration in the
15 doctoral program were planning, decision analysis, and forecasting.

16 *Q. Please summarize your professional experience.*

17 A. In December 1980, I began work at Bonneville in the Division of Power Forecasting. In
18 that capacity I worked principally on issues related to the preparation of the 20-year
19 Commercial Sector Load Forecast. In addition to preparing inputs for and operating the
20 forecasting model for that sector, I also was extensively involved in the design and
21 statistical analysis of surveys of Commercial Sector energy use.

22 In June 1991, I assumed the position of Technical Lead for the 1992 Resource
23 Program, working in the Planning Branch. In this position, I divided my time

1 coordinating and documenting the resource and conservation analyses underlying the
2 resource acquisition proposal and devising a monitoring and evaluation system for
3 contingency generation resources.

4 From 1994 through 1996, I worked as an Analyst in Strategic Planning,
5 supporting the development of the Business Plan.

6 In 1996, I moved to my current position as a Risk Analyst where I have worked
7 on various projects including evaluating Bonneville's interim hedging policy, developing
8 a global taxonomy of risks faced by Bonneville, and inventorying the risk mitigation
9 efforts ongoing at Bonneville. My current assignments involve documenting
10 Bonneville's annual submissions to Treasury for Fish Costs Contingency Fund (FCCF)
11 credits and using the Tool Kit model to assess Bonneville's probability of making
12 Treasury payment given a variety of uncertainties.

13 *Q. Please state your experience as a witness in previous proceedings.*

14 *A.* I served as a witness in Bonneville's 2002 Power Rate Case, sponsoring testimony as part
15 of the Risk Mitigation panel .
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1 QUALIFICATION STATEMENT OF

2 GARY E. STEMLER

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Gary E. Stemler. I am employed by the Bonneville Power Administration
6 (Bonneville), 5411 NE Highway 99, Vancouver WA 98663.

7 *Q. In what capacity are you employed?*

8 A. I am an Electrical Engineer in the Business Strategy and Assessment Group in the
9 Transmission Business Line.

10 *Q. Please state your educational background.*

11 A. I received a Bachelor of Science in Electrical Engineering from the University of
12 Washington in 1963.

13 *Q. Please summarize your professional experience.*

14 A. I started with Bonneville in July 1963 working in Bonneville substations, testing and
15 maintaining communications and transmission protective relaying.
16 From 1964 to 1970, I worked as System Test Engineer, performing field tests on new 500kV
17 equipment installed on the Bonneville transmission system. From 1970-1972 and 1973-1975
18 I was manager of the Test and Development group in the System Engineering division of
19 Bonneville, responsible for power system technical requirements, and performance
20 standards. During 1972, I was a Technical Exchange Engineer, assigned to General Electric
21 Company in Philadelphia, working to improve technical development applications.

1 In 1975, I was selected to the position of Power System Consultant, representing Bonneville
2 at national and international forums, and serving as senior technical engineer in the System
3 Engineering Division of the Office of Engineering.

4 From 1977 -1997, I have held several different positions in the Engineering and
5 Transmission organizations of Bonneville, including senior level positions as technical
6 expert, organizational manager, executive assistant for policy , and project manager.

7 Since February 1998, I have been assigned lead responsibility for the strategic, technical,
8 and business development and marketing of Ancillary Products and Services within the
9 Transmission Marketing Group.

10 *Q. Please state your experience as a witness in previous proceedings.*

11 *A. I have not testified as a witness in a prior Bonneville proceeding*

1 QUALIFICATION STATEMENT OF

2 ERIK D.WESTMAN

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is Erik D. Westman. I am employed by the Bonneville Power Administration
6 (Bonneville), 5411 NE. Highway 99, Vancouver, Washington, 98663.

7 *Q. In what capacity are you employed?*

8 A. I am the Transmission Risk Manager in the Business Strategy and Assessment section of the
9 Transmission Marketing and Sales group of Bonneville's Transmission Business Line
10 (TBL). I am responsible for the development and implementation of risk management
11 activities in the Transmission Business Line.

12 *Q. Please state your educational background.*

13 A. I received a B.S. degree in Forestry Economics from Michigan State University in 1976 and
14 a M.S. degree in Resource Economics from the Pennsylvania State University in 1985.

15 *Q. Please summarize your professional experience.*

16 A. I was first employed at Bonneville in May of 1985 as a load research analyst in the Planning
17 and Evaluation Branch of the Office of Conservation. In this capacity I worked on studies
18 of the effects of energy efficiency programs and load control programs on consumer
19 electricity usage and improving Bonneville's ability to forecast energy savings.

20 From 1988 to 1994, I served as an economist in the Planning Branch of the Office of
21 Energy Resources. During this period I conducted economic analyses of capital projects for
22 new generation, energy efficiency programs and other investments related to the FCRPS. I
23 was responsible for Bonneville's forecast of the long run marginal cost of generation. These

1 studies incorporated the use of decision analysis and simulation techniques from the field of
2 Operations Research.

3 In 1994 I joined the staff of the Senior Vice President for Bonneville's Transmission
4 Business Line as a Cost and Asset Analyst. In this capacity I provided economic and
5 financial analysis consulting for Transmission asset management planning, operations
6 planning and strategic business planning.

7 In March of 1997, I assumed my current position as the Transmission Risk Manager
8 responsible for the development and implementation of the risk management program for
9 the business line and coordination of transmission risk management issues with Bonneville
10 corporate risk management. I am responsible for transmission risk assessments and
11 reporting, evaluations of transmission risk control and mitigation strategies. I provide
12 consulting on economic issues and risk analysis methods within the Transmission Business
13 Line.

14 *Q. Please state your experience as a witness in previous proceedings.*

15 *A. I have not served as a witness in previous rate proceedings.*
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1 QUALIFICATION STATEMENT OF

2 JOHN R. WOERNER

3 Witness for the Bonneville Power Administration

4 *Q. Please state your name, employer, and business address.*

5 A. My name is John R. Woerner. I am employed by the Bonneville Power Administration, (Bonneville)
6 5411 NE Highway 99, P.O. Box 491, Vancouver, Washington 98666.

7 *Q. In what capacity are you employed?*

8 A. I am an Industry Economist in Bonneville's Transmission Business Line (TBL), Business
9 Strategy and Assessment branch.

10 *Q. Please state your educational background.*

11 A. I received B.A. and M.A. degrees in Economics from the University of Montana in 1970 and
12 1975, respectively. I minored in philosophy and math as an undergraduate and emphasized
13 econometrics during graduate school. Following this, I worked for 1 year in a Ph.D. program in
14 geography at the University of Washington, where I studied regional economics and quantitative
15 methods. I had teaching and research assistantships throughout graduate school. In 1981 to
16 1982, I taught three night courses in principles of economics at Portland State University.

17 *Q. Please state your professional qualifications.*

18 A. I was employed as a research assistant for the Bureau of Business and Economic Research,
19 University of Montana in 1974-75. I have worked for Bonneville since March 1980, all but
20 9 months in the Division of Rates. For the 9 months from October 1983 through June 1984, I
21 was the economist for Bonneville's Division of Resource Acquisitions.

1 In the Division of Rates, I worked on the time-differentiation of Bonneville's power rates
2 in Bonneville's 1981 and 1982 rate cases. I ran the Wholesale Power Rate Design computer
3 program in Bonneville's 1983 rate case. In 1984, I returned to the Division of Rates to take
4 responsibility for the Transmission Rate Design model, starting with Bonneville's 1985 rate case
5 and continuing through Bonneville's final wheeling rate-case in 1993. I developed a statistical
6 wheeling energy forecasting model for Bonneville's 1987 transmission rate case as a front-end
7 model to the Transmission Rate Design Study (TRDS) This model was used to forecast energy
8 sales for rate-setting purposes through the '93 case. I designed and populated the 1996
9 Transmission Rate Design Study and it's 19 supporting tables which set and document TBL's
10 transmission rates. My current responsibilities include forecasting TBL revenue.

11 *Q. Please state your experience as a witness in previous proceedings.*

12 A. In Bonneville's 1987 rate case, I sponsored the above-mentioned statistical wheeling forecasting
13 model as an exhibit to the TRDS. I was a member of the transmission rates panel sponsoring
14 the TRDS in the 1993 and 1996 rate cases.